Attorney Docket No. 127003

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint nt on ND

	tled: MET	HODS A	ND APPARA	TUS F	natter which is clair OR DETECTING which:				
(check one)	⊠ w		on <u>June 24</u>		as Application S	erial No	10/602,806	<u>.</u> ,	
I hereby state that claims, as amende					ontents of the abov	e identified	specification	on, includir	ng the
I acknowledge the with Title 37, Coo				ch is m	aterial to the exam	ination of thi	is applicati	on in accor	dance
patent or inventor designated at least by checking the b	's or plant l t one count ox, any for	breeder's try other eign app	rights certificat than the United lication for pate	te(s), o States ent, inve	19 (a)-(d) or (f) or 3 r 365(a) of any PC of America, listed entor's or plant bree the application on v	Γ internation below, and heder's rights	al applicat ave also id certificate(	ion which lentified bel (s), or any P	low,
COUNTRY	APPLICA NUMBEI		DATE OF FIL (day, month, y		PRIORITY CLAI	MED	CERTIFI ATTACH	ED COPY	
	NOMIDE		(uay, monui, y	cai)			Yes	□ No	4
					:		Yes	☐ No	1
							Yes	☐ No	1
							Yes	☐ No	]
International appleach of the claims the first paragraph	ication des of this app of 35 U.S rred between	ignating olication .C. §112	the United State is not disclosed , I acknowledge	es of A in the the du	ted States application merica, listed below prior United States ty to disclose mate oplication and the n	w and, insofa application rial informat	r as the sul in the man ion as defi	bject matter ner provide ned in 37 C	d by FR
U.S. PARENT AI	PPLICATION	ON	PARENT FI	LING I	DATE	STATUS			1
OR PCT PARENT NUMBER (day, month,					(patent and pending, at				
<del></del>	***	<del></del>	<del> </del>						1
									1
I hereby claim the	benefit un	der 35 U	.S.C. §119(e) o	f any U	Inited States provis	ional applica	ition(s) list	ed below.	j
APPLICATION N	NUMBER(	S)		FILIN	NG DATE (day, mo	onth, year)			1
60/398,151 Jul					ly 23, 2002				]
									]

Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Michael A. Della Penna (Reg. No. 45,697), Peter Vogel (Reg. No. 41,363), Carl B. Horton (Reg. No. 34,622), and Kevin Conroy (Reg. No. 38,113), all of GE Medical Systems, 3000 North Grandview Blvd., W-710, Waukesha, WI 53188; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski (Reg. No. 26,621), and Scott R. Hayden (Reg. No. 41,821), of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431; John S. Beulick (Reg. No. 33,338), Patrick W. Rasche (Reg. No. 37,916), Dean D. Small (Reg. No. 34,730), Robert B. Reeser III (Reg. No. 45,548), Thomas M. Fisher (Reg. No. 47,564), Bruce T. Atkins (Reg. No. 43,476), Daniel M. Fitzgerald (Reg. No. 38,880), Michael Tersillo (Reg. No. 42,180), William J. Zychlewicz (Reg. No. 51,366); Michael G. Harms (Reg. No. 51,780), Rozell Williams, Jr., (Reg. No. 44,403), Evan R. Sotiriou (Reg. No. 46,247), and Alan L. Cassel (Reg. No. 35,842), all of Armstrong Teasdale LLP, One Metropolitan Square, St. Louis, MO 63102.

Send Correspondence to: Patrick W. Rasche Armstrong Teasdale LLP One Metropolitan Square, Suite 2600 St. Louis, MO 63102

Direct Telephone Calls To:

Patrick W. Rasche 314-621-5070

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

### SOLE OR FIRST INVENTOR:

Full Name: Shankara B. Reddy
Signature: Date: 15 July 2003
Residence: Cedarburg, Wisconsin
Citizenship: USA
Post Office Address: W75 N766 Tower Avenue, Cedarburg, Wisconsin 53012
SECOND JOINT INVENTOR:
Full Name: Gopal B. Avinash
Signature: Date: 7/15/2003
Residence: New Berlin, Wisconsin
Citizenship: India
Post Office Address: 4915 S. Radisson Court, New Berlin, Wisconsin 53151

Attorney Docket No. 127003

THIRD JOINT INVENTOR:
Full Name: Xiaoye Wu
Signature: Date:
Residence: Rexford, New York
Citizenship: USA
Post Office Address: 4 Partridge Glen, Rexford, New York 12148

Attorney Docket No. 127003

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS AND APPARATUS FOR DETECTING STRUCTURAL, PERFUSION, AND FUNCTIONAL ABNORMALITIES, the specification of which:

(check one)		is attached hereto.					
	$\boxtimes$	was filed on	June 24, 2003	_as Application Serial No	10/602,806_,		
		and was amend	led on	·			

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
	NOMBER	(day, month, year)		Yes No
				Yes No
				Yes No
				☐ Yes ☐ No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION	PARENT FILING DATE	STATUS
OR PCT PARENT NUMBER	(day, month, year)	(patent and number,
		pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)
60/398,151	July 23, 2002

Additional	Inrovisional	application	numbers are	listed on a	cunnlemental	priority sheet	attached hereto	`
Auditional	i DiOvisionai	abblication	HUHHUCIS ALC	HALEU OII A	i summementan	DITIOTIES SHOUL	. attacheu nereu	,

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Michael A. Della Penna (Reg. No. 45,697), Peter Vogel (Reg. No. 41,363), Carl B. Horton (Reg. No. 34,622), and Kevin Conroy (Reg. No. 38,113), all of GE Medical Systems, 3000 North Grandview Blvd., W-710, Waukesha, WI 53188; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski (Reg. No. 26,621), and Scott R. Hayden (Reg. No. 41,821), of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431; John S. Beulick (Reg. No. 33,338), Patrick W. Rasche (Reg. No. 37,916), Dean D. Small (Reg. No. 34,730), Robert B. Reeser III (Reg. No. 45,548), Thomas M. Fisher (Reg. No. 47,564), Bruce T. Atkins (Reg. No. 43,476), Daniel M. Fitzgerald (Reg. No. 38,880), Michael Tersillo (Reg. No. 42,180), William J. Zychlewicz (Reg. No. 51,366); Michael G. Harms (Reg. No. 51,780), Rozell Williams, Jr., (Reg. No. 44,403), Evan R. Sotiriou (Reg. No. 46,247), and Alan L. Cassel (Reg. No. 35,842), all of Armstrong Teasdale LLP, One Metropolitan Square, St. Louis, MO 63102.

Send Correspondence to: Patrick W. Rasche Armstrong Teasdale LLP One Metropolitan Square, Suite 2600 St. Louis, MO 63102

Direct Telephone Calls To:

Patrick W. Rasche 314-621-5070

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

### SOLE OR FIRST INVENTOR:

Full Name: Shankara B. Reddy
Signature:Date:
Residence: Cedarburg, Wisconsin
Citizenship: USA
Post Office Address: W75 N766 Tower Avenue, Cedarburg, Wisconsin 53012
SECOND JOINT INVENTOR:
Full Name: Gopal B. Avinash
Signature:Date:
Residence: New Berlin, Wisconsin
Citizenship: India
Post Office Address: 4915 S. Radisson Court, New Berlin, Wisconsin 53151

Attorney Docket No. 127003

# THIRD JOINT INVENTOR:

Full Name: Xiaoy	e Wu			
Signature:		Date: 7/15/20	»3	
V Residence: <u>Rexford</u>	I, New York	<u> </u>		
Citizenship: USA				
Post Office Address:	4 Partridge Glen. Rexfo	ord. New York 12148		